

Work Order ID 68631

Tuesday, April 19, 2011 11:52:53 AM



Eagle

Page 1

Item ID: D412-742-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Float Skidtube Installation

Start Date: 4/19/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/6/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: MF

Date: 11-04-20

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

IIN-D412-742

D

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-742-011 CHG006

8/11/11

HJ for BG 11-5-10

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

11/10/10

120

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

8/11/11

B68635

Picklist Print

Tuesday, April 19, 2011 11:52:45 AM

Page 1

Work Order ID: 68631

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation



Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev: A 05.10.13 New Issue KJ/JLM
 IPP Rev: B 06-06-08 As per DSI9336 JLM
 IPP Rev: C 07-05-28 As per Rev C JLM
 IPP rev D 07.11.01 ecn 1053P EC
 IPP rev E 07.11.27 ecn 1072 EC verified by: DD
 IPP Rev: F 08-09-08 ecn 08-510 DD verified by: EC
 IPP Rev: G 09-01-23 as per DSI9441 DD verified by: EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN3C37A 		Purchased	No			110	Each	129.0000	3	3			
BOLT													

Location Loc Qty Loc Code

ST353 29

116874 11

117010 18

ST354 100

117343 100

117343

AN3C40A 		Purchased	No			110	Each	103.0000	2	2			
BOLT													

Location Loc Qty Loc Code

ST354 103

106176 3

112454 50

114442 50

1106776 1x
1128734 1x

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval. QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 68631

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

S AN3C41A
BOLT

Purchased No

110 Each

152.0000

3 3

Location

Loc Qty

Loc Code

FG

4

103324

4

ST354

148

116381

8

117163

60

117407

80

116 381

S AN3C42A
BOLT

Purchased No

110 Each

52.0000

3 3

Location

Loc Qty

Loc Code

ST354

52

106176

52

106176

S AN3C43A
BOLT

Purchased No

110 Each

88.0000

3 3

Location

Loc Qty

Loc Code

ST354

88

114433

28

114455

20

117313

40

1114433

S AN3C44A
BOLT

Purchased No

110 Each

99.0000

9 9

Location

Loc Qty

Loc Code

ST355

99

110848

99

1110848

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Shop Packet Print

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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 68631

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

LAN3C47A
BOLT

Purchased

No

110

Each

78.0000

10

10

Location

Loc Qty

Loc Code

ST355

78

110847

28

116874

50

110847

AN4C47A
Bolt

Purchased

No

110

Each

91.0000

4

4

Location

Loc Qty

Loc Code

ST361

91

115518

6

116003

20

116400

25

117163

40

116003

AN4C52A
BOLT

Purchased

No

110

Each

104.0000

8

18

Location

Loc Qty

Loc Code

ST361

104

113121

4

114784

40

117163

60

1114784

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 68631

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

AN4C6A
Bolt

Purchased No

110 Each

344.0000

16

16

Location

Loc Qty

Loc Code

FG
103344
ST306
117313
ST356
115016
116003
116400
116704

4
4
50
50
290
14
126
50
100

116003

AN4C7A
Bolt

Purchased No

110 Each

427.0000

4

4

Location

Loc Qty

Loc Code

ST356
109147

427
427

109147

AN6C12A
BOLT

Purchased No

110 Each

74.0000

8

8

Location

Loc Qty

Loc Code

ST342
114442
116022
117366

74
24
30
20

114442

AN960C10L NAS1149C0332 R

Purchased No

110 Each

0.0000

66

66

washer

117291

11/10/10 0

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Work Order ID: 68631

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

AN960C416L *DIAS 1149 00432R* Purchased No

110 Each

8.0000

32

32

WASHER

Location

Loc Qty

Loc Code

ST350

8

112828

8

110

Each

100.0000

8

8

AN960C616L

Purchased

No

WASHER

Location

Loc Qty

Loc Code

ST347

100

113064

100

110

Each

8.0000

1

1

D2571

Manufactured

No

Saddle, Fwd Out 205

Location

Loc Qty

Loc Code

ST433

8

63499

8

110

Each

5.0000

1

1

D2572

Manufactured

No

Saddle, Fwd In 205

Location

Loc Qty

Loc Code

ST433

5

63500

5

110

Each

4.0000

1

1

D2573

Manufactured

No

Saddle, Aft Out 205

Location

Loc Qty

Loc Code

ST434

4

63501

4

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Work Order ID: 68631



Parent Item: D412-742-011



Parent Item Name: Float Skidtube Installation

Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

D2574

Saddle, Aft In 205

Manufactured No

110

Each

4.0000



1

1

63502

Handwritten signature

Location

Loc Qty

Loc Code

ST434

4

63502

4

D2747

Set Screw

Manufactured No

110

Each

110.0000



4

4

Handwritten signature

Location

Loc Qty

Loc Code

ST021

110

62085

10

64276

100

D2876

Saddle Spacer

Manufactured No

110

Each

92.0000



2

2

62085 20
64276 20

Handwritten signature

Location

Loc Qty

Loc Code

ST025

92

66849

44

ST026

48

68282

48

D2877

Saddle Spacer

Manufactured No

110

Each

111.0000



2

2

66849

Handwritten signature

Location

Loc Qty

Loc Code

ST025

111

63325

11

66843

40

68283

60

66843

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Work Order ID: 68631

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

8 D3403-1
Bushing

Manufactured	No	110	Each	40.0000	16 16
--------------	----	-----	------	---------	-------

66940 8x

8 D3403-3
Bushing

Manufactured	No	110	Each	50.0000	8 8
--------------	----	-----	------	---------	-----

62316 8x

8 D3405-041
Lug Assembly

Manufactured	No	110	Each	11.0000	1 1
--------------	----	-----	------	---------	-----

66896

8 D3405-043
Lug Assembly

Manufactured	No	110	Each	3.0000	1 1
--------------	----	-----	------	--------	-----

62958
67970

Location Loc Qty Loc Code

ST052 40
63316 40

Location Loc Qty Loc Code

ST052 50
59598 9
62240 1
66846 40

Location Loc Qty Loc Code

ST474 11
62227 2
62958 9

Location Loc Qty Loc Code

ST423 2
65703 2
ST474 1
62959 1

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Work Order ID: 68631

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

S D3407-041
Tow Ring

Manufactured No

110 Each 4.0000

1 1
68749

Location

Loc Qty

Loc Code

ST464

4

62960

4

S D3417-3
Washer

Manufactured No

110 Each 112.0000

2 2
C

Location

Loc Qty

Loc Code

FG

9

33519

9

ST053

103

44349

22

51648

28

53182

23

66847

30

44349

S D3456-1
Washer

Manufactured No

110 Each 23.0000

1 1
68748 RUI/10

Location

Loc Qty

Loc Code

FG

7

25701

7

ST054

16

66848

16

66848

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Work Order ID: 68631

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

D3533-1
Set Screw

Manufactured No

110 Each

126.0000

2 2



u

Location

Loc Qty

Loc Code

ST066

126

66138

26

67583

100

66138

D3672-11
Phenolic Washer

Manufactured No

110 Each

635.0000

16

16



u

Location

Loc Qty

Loc Code

ST074

635

58046

635

58046

D3672-3
Phenolic Washer

Manufactured No

110 Each

967.0000

32

32



u

Location

Loc Qty

Loc Code

ST074

967

64176

967

64176

D3672-9
Phenolic Washer

Manufactured No

110 Each

440.0000

8

8



u

Location

Loc Qty

Loc Code

ST074

440

35523

440

35523

D412-742-015
Electric Step

Manufactured No

110 Each

2.0000

1

1



u 11/5/10

Location

Loc Qty

Loc Code

FG031A

2

65165

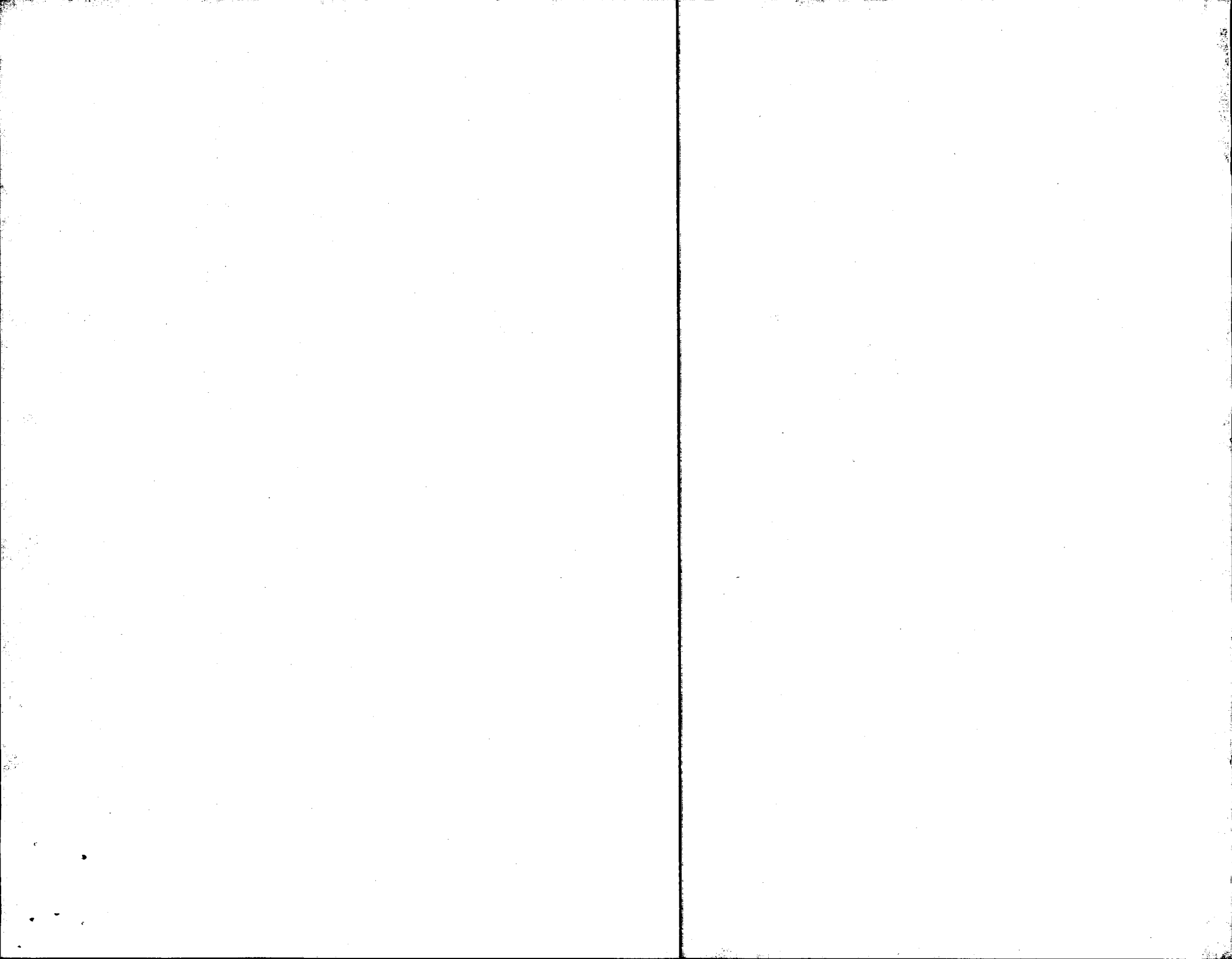
2

65165

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Page 10

Work Order ID: 68631

Parent Item: D412-742-011

Parent Item Name: Float Skidtube Installation

Start Date: 4/19/2011

Required Date: 5/6/2011

Start Qty: 1.00

Required Qty: 1.00

D412-742-041

Manufactured No

110

Each

0.0000

1

1



Replacement Float Skidtube

MS21043-3

Purchased No

100

Each

948.0000

33

33



Nut

68635B

h

Location

Loc Qty

Loc Code

FG

80

103691

80

FP-B

-5

112314

-5

ST301

873

112314

873

MS21043-4

Purchased No

110

Each

1,180.000

29

29



Nut

112314

PC 4/10/10 (1)

Location

Loc Qty

Loc Code

FG

40

104603

40

ST300

600

117423

600

ST301

540

114523

3

116188

237

116549

300

M116188 18x
M116549 18x

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5.0 PARTS LIST

5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

Item	Qty -011	Qty -041	Qty -015	Part Number	Description
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-041	FLOAT SKIDTUBE
	1		X	D412-742-015	ELECTRIC STEP KIT
		1		D3391-041	412 FLOAT SKIDTUBE
1		*24		*AN3C4A	*BOLT
3		*12		*AN3C6A	*BOLT
4		*8		*AN3C7A	*BOLT
5		*44		*AN960C10L	*WASHER
6		*4		*MS27039C4-12	*SCREW
7A		*4		*D3672-3	*WASHER (REPLACES NAS1515H4L)
7B		*4		*AN960C416L	*WASHER
21A		*1		*D3564-1	*WEARSHOE (REPLACES D3460-1)
21B		*1		*D3566-1	*GASKET
22A		*1		*D3564-3	*WEARSHOE (REPLACES D3460-3)
22B		*1		*D3566-1	*GASKET
23A		*1		*D3564-5	*WEARSHOE (REPLACES D2577-5)
23B		*1		*D3566-5	*GASKET
10		*1		*D3391-011	*412 FORWARD TUBE
11		**1		**D3401-041	**TOW CAP
12A		**10		**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB166)
12B		**2		**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB166)
13		**10		**AN3C4A	**BOLT
14A		**4		**D3672-1	**WASHER (REPLACES NAS1515H3L)
14B		**10		**AN960C10L	**WASHER
24A		**1		**D3564-13	**WEARSHOE
24B		**1		**D3566-13	**GASKET
20		*1		*D3391-013	*412 MID TUBE
28		**24		**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB116)
30		*1		*D3391-015	*412 AFT TUBE
25A		**1		**D3537-1	**WEARPAD
25B		**1		**D3553-1	**GASKET
26A		**1		**D3537-7	**WEARPAD
26B		**1		**D3553-3	**GASKET
31		**1		**D2646	**AFT CAP
32		**14		**AELS-1032-130	**INSERT
36		**12		**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB366)
37A		**6		**AN3C4A	**BOLT
37B		**4		**AN3C5A	**BOLT
38A		**2		**D3672-1	**WASHER (REPLACES NAS1515H3L)
38B		**10		**AN960C10L	**WASHER
39		**4		**ALS4-428-165	**INSERT (REPLACES NAS1330S4KB151)

(CONTINUED ON PAGE 17)

REFERENCE ONLY

(CONTINUED FROM PAGE 16)

Item	Qty -011	Qty -041	Qty -015	Part Number	Description
40	1			D2571	SADDLE, FWD OUTSIDE
41	1			D2572	SADDLE, FWD INSIDE
42	1			D2573	SADDLE, AFT OUTSIDE
43	1			D2574	SADDLE, AFT INSIDE
44	2			D2876	SADDLE SPACER
45	2			D2877	SADDLE SPACER
46	16			D3403-1	BUSHING
47A	4			D2747	SET SCREW
47B	2			D3533-1	SET SCREW
48	16			AN4C6A	BOLT
49	8			AN4C52A	BOLT
50	8			AN6C12A	BOLT
51A	32			D3672-3	WASHER (REPLACES NAS1515H4L)
51B	32			AN960C416L	WASHER
52A	8			D3672-9	WASHER (REPLACES NAS1515H6L)
52B	8			AN960C616L	WASHER
53	16			D3672-11	WASHER (REPLACES NAS1515H7L)
54	24			MS21043-4	NUT
55	4			AN4C7A	BOLT
60	8			D3403-3	BUSHING
61	1			D3405-041	GHW LUG
62	1			D3405-043	GHW LUG
63	4			AN4C46A	BOLT
64	4			MS21043-4	NUT
70	1			D3407-041	TOW RING
71	2			D3417-3	WASHER
72	1			MS21043-4	NUT
73	1			D3456-1	WASHER
80			1	D2913	DOUBLER
81		***4		***ALS4-428-165	***INSERT (REPLACES NAS1329S4KB140)
82		***4		***AELS-1032-130	***INSERT (REPLACES NAS1330S3KB116)
83			2	MS21043-4	NUT
84			2	MS24693-C272	SCREW
85			1	MS35489-35	GROMMET
86			1	MS35489-93	GROMMET
87		***4		***MS27039C1-09	***SCREW
88		***4		***MS27039C4-08	***SCREW
89A		***4	2	***D3672-1	***WASHER (REPLACES NAS1515H3L)
89B		***4	2	***AN960C10L	***WASHER
90A		***4		***D3672-3	***WASHER (REPLACES NAS1515H4L)
90B		***4		***AN960C416L	***WASHER
91	3			AN3C37A	BOLT
92	2			AN3C40A	BOLT
93	3			AN3C41A	BOLT
94	3			AN3C42A	BOLT
95	3			AN3C43A	BOLT
96	9			AN3C44A	BOLT
98	10			AN3C47A	BOLT
99	66			AN960C10L	WASHER
100	33			MS21043-3	*NUT

*DENOTES PART IS INCLUDED WITH D3391-041 ASSEMBLY ABOVE

**DENOTES THAT PART IS INCLUDED ABOVE ASSEMBLY

***DENOTES THAT PART IS INCLUDED WITH D3391-013

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Revision: D

Date: 07.10.04

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. D AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. D

REF. FAA STC: SR01583SE
REF. CANADIAN STC: SH05-37
REF. EASA STC: EASA.IM.R.S.01126

REFERENCE 8

INSTRUCTIONS:

- 1) FOR D412-742-011/-013 SKIDTUBES @ CHANGE 006 AND SUBSEQUENT, UPDATE THE PARTS LIST TO MODIFY THE BOLT USED TO ATTACH THE GHW LUG AS FOLLOWS:

5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

32.15 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List

ITEM	Qty -011	Qty -041	Qty -015	PART NUMBER	DESCRIPTION
	X			D412-742-011	FLOAT SKIDTUBE INSTALLATION
	1	X		D412-742-041	FLOAT SKIDTUBE
	1		X	D412-742-015	ELECTRIC STEP KIT

IS:

63	4			AN4C47A	BOLT
----	---	--	--	---------	------

WAS:

63	4			AN4C46A	BOLT
----	---	--	--	---------	------

5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

32.16 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

ITEM	Qty -013	Qty 043	PART NUMBER	DESCRIPTION
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
	1	X	D412-742-043	FLOAT SKIDTUBE

IS:

63	4		AN4C47A	BOLT
----	---	--	---------	------

WAS:

63	4		AN4C46A	BOLT
----	---	--	---------	------

A	NEW ISSUE	AJS	08.12.19
REV.	DESCRIPTION	BY	DATE
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